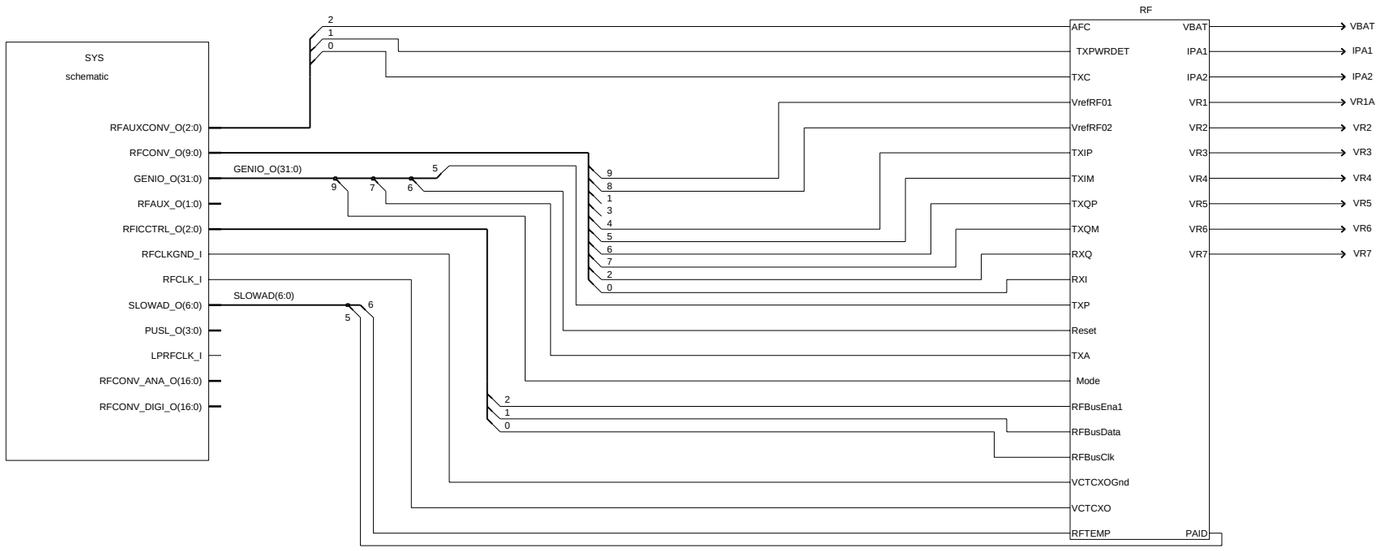
Top level



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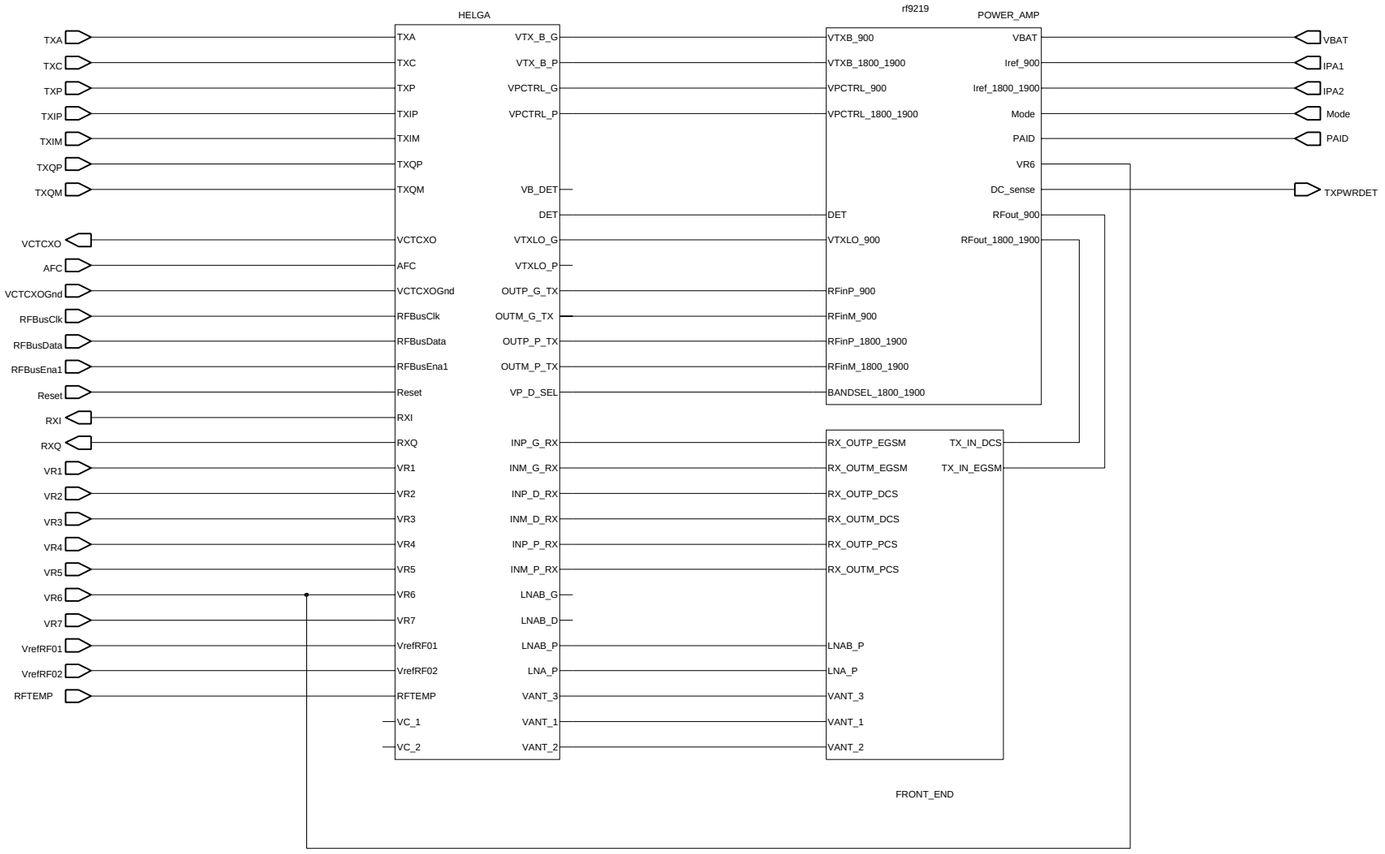
RF Top level



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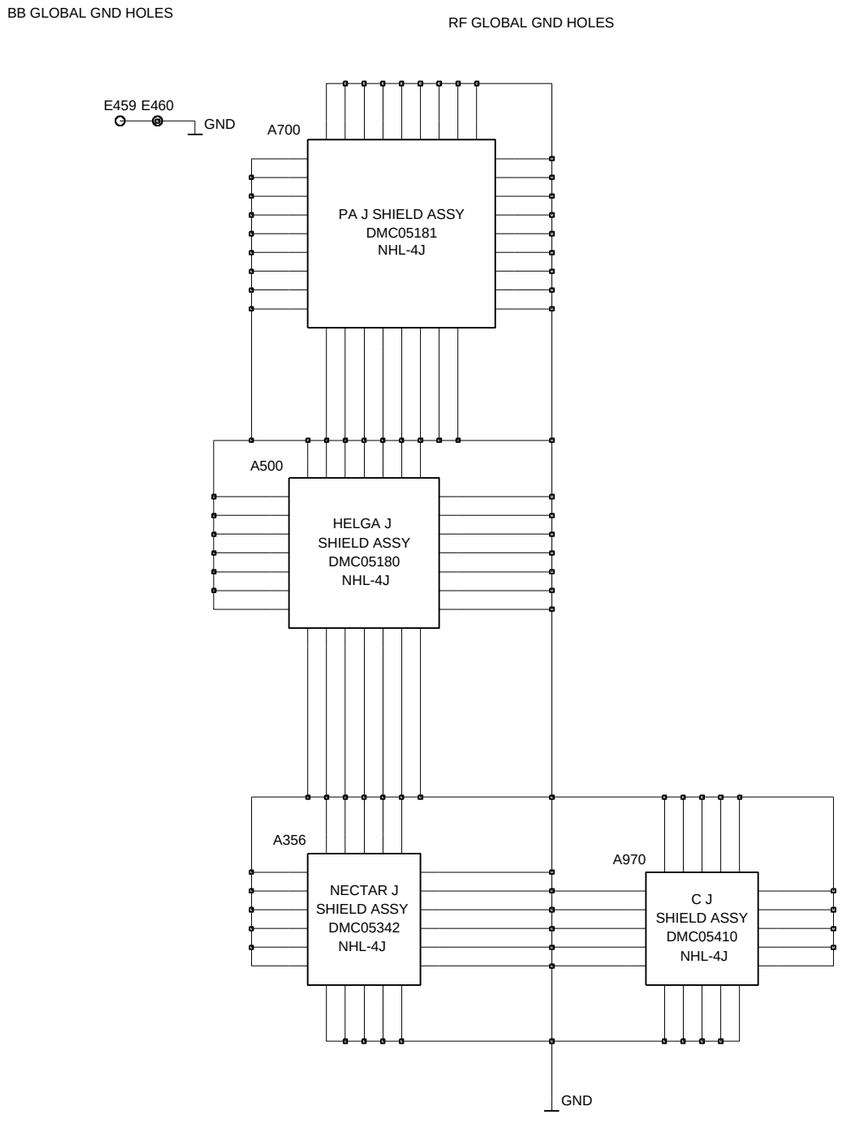
RF shields and vias



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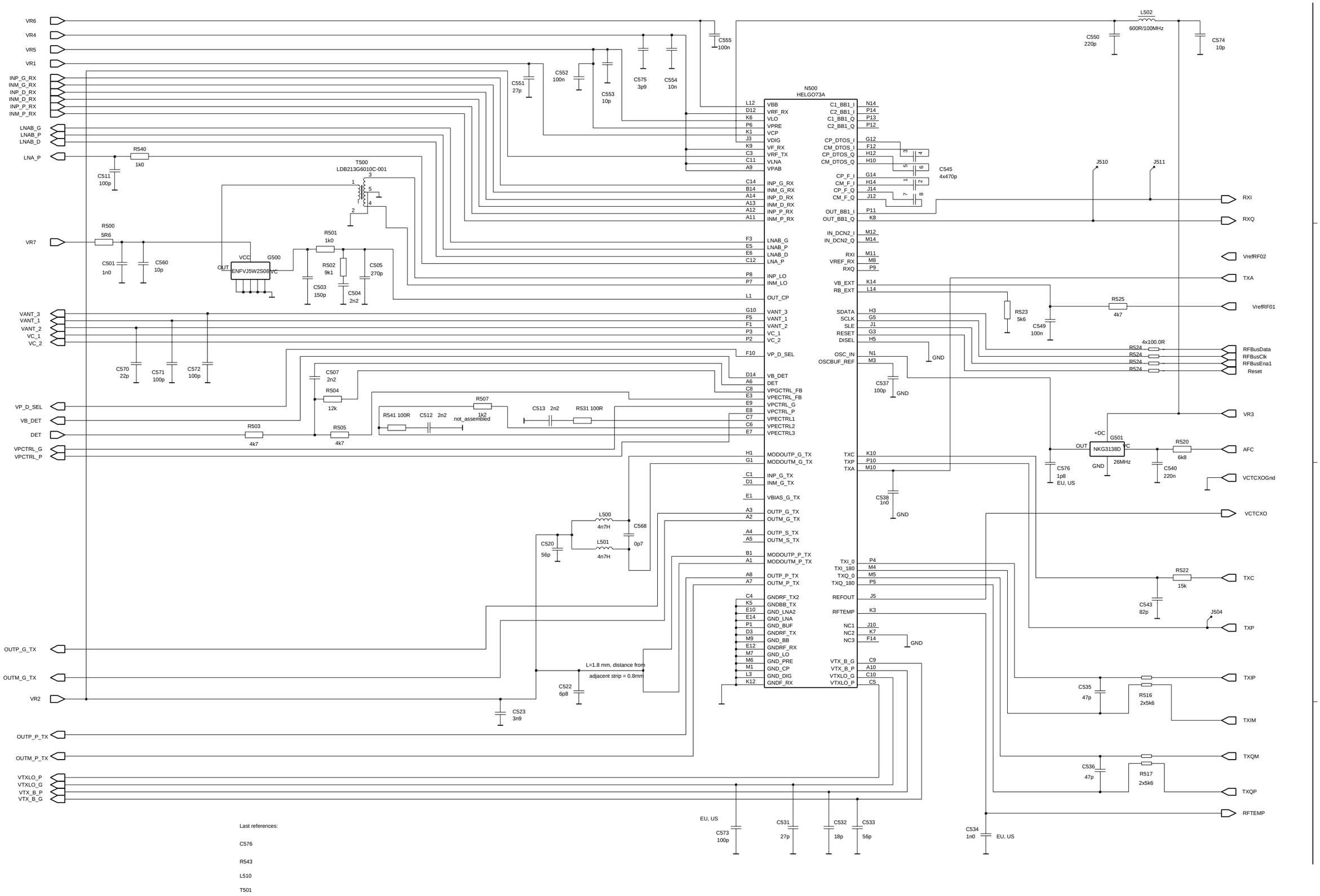
HELGO



Last references:

C576

R543

L510

T501

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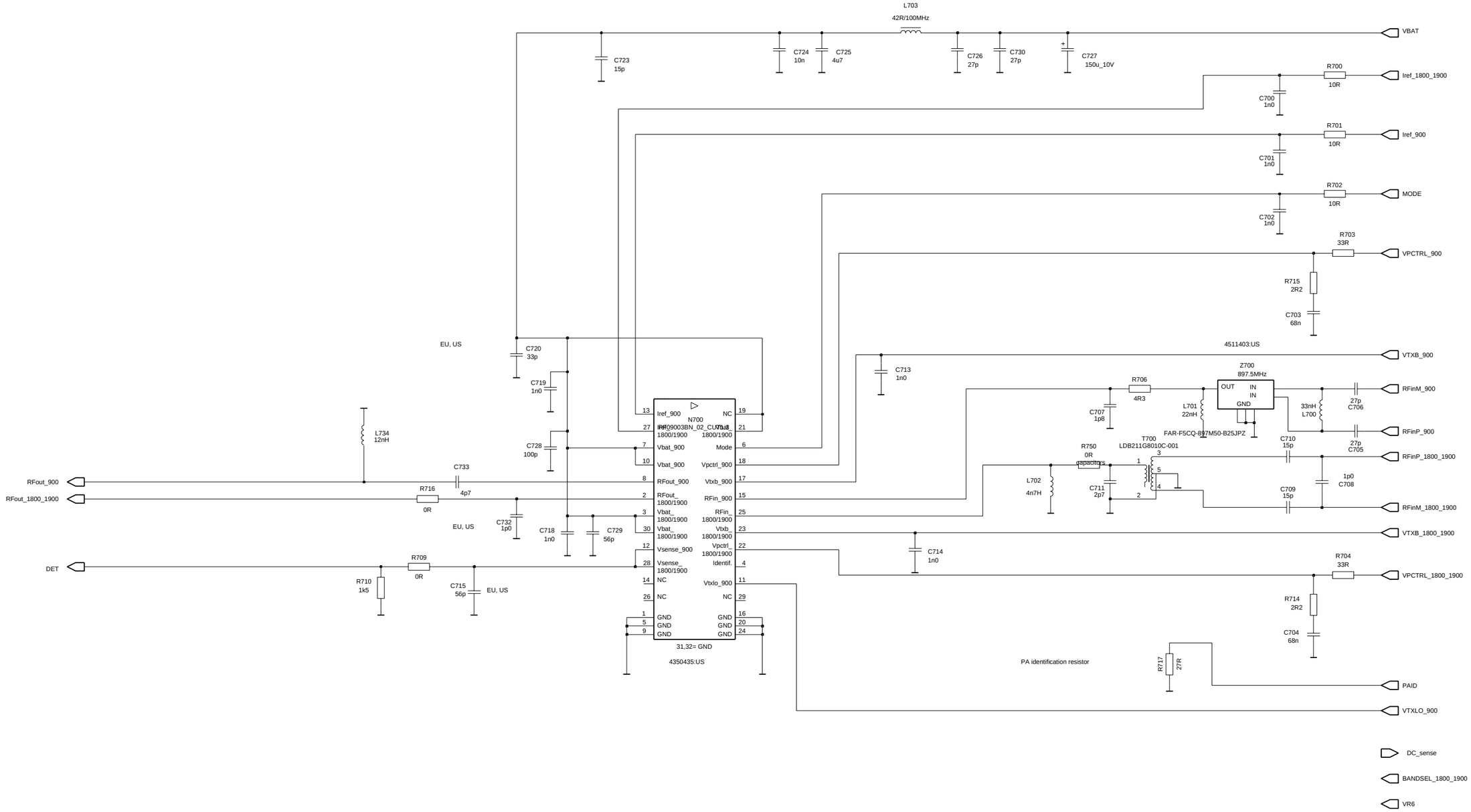
Power amplifier and power detection



Last references:

C733

R717

L704

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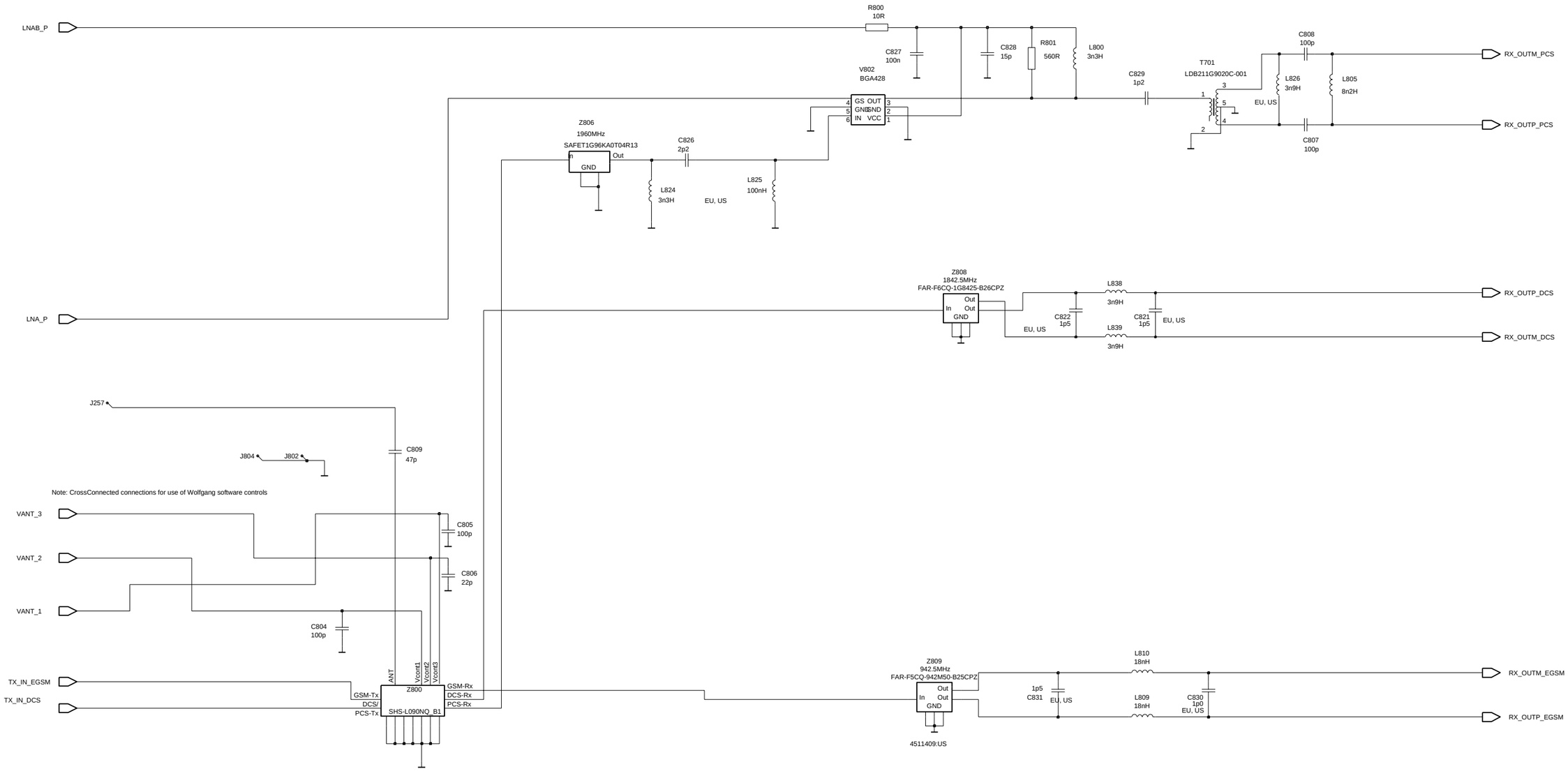
RX front end and antenna switch



Last references:

C835

R807

L825

Z806

V800

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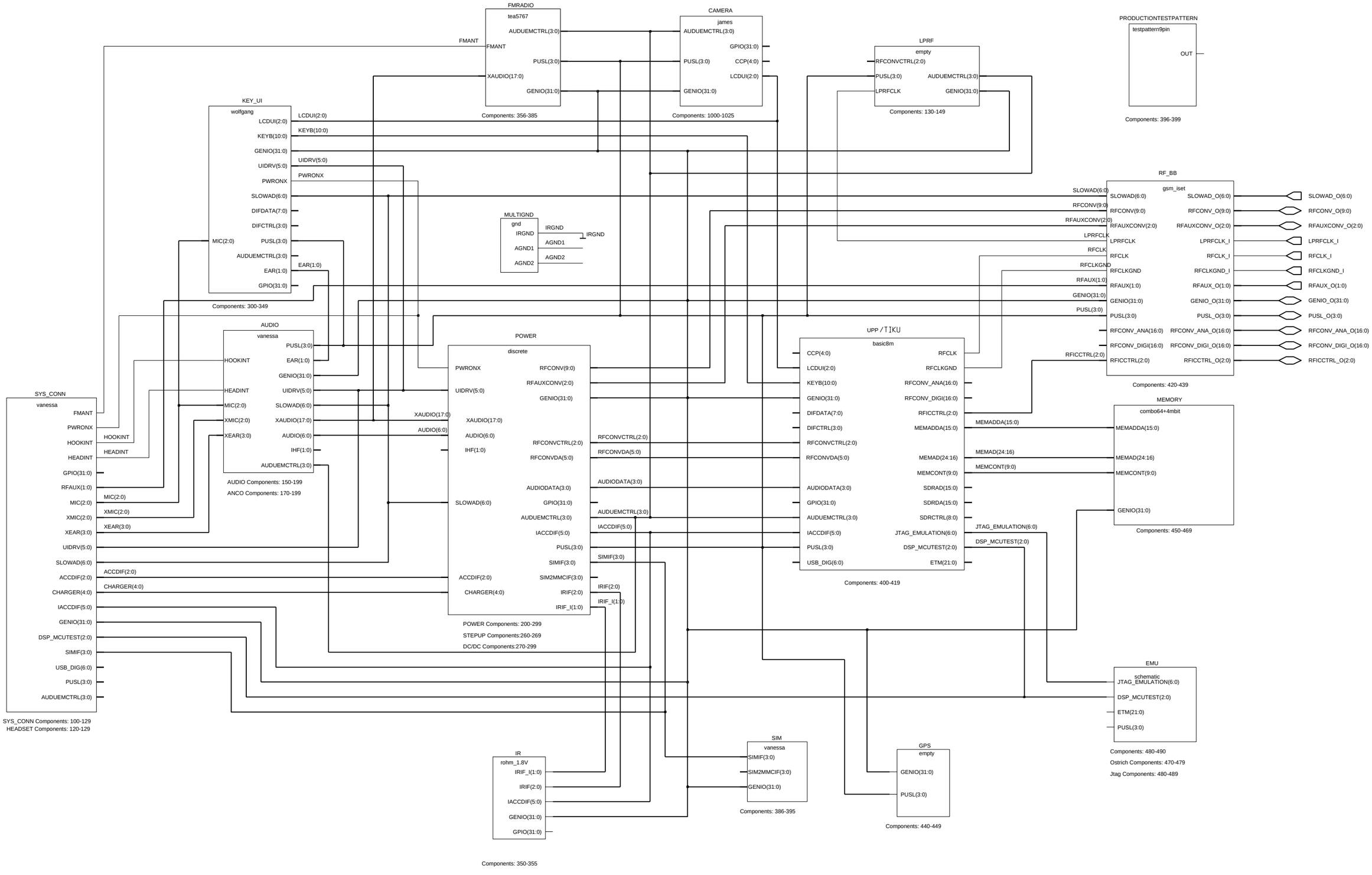
DCT4 Common Baseband (Top)



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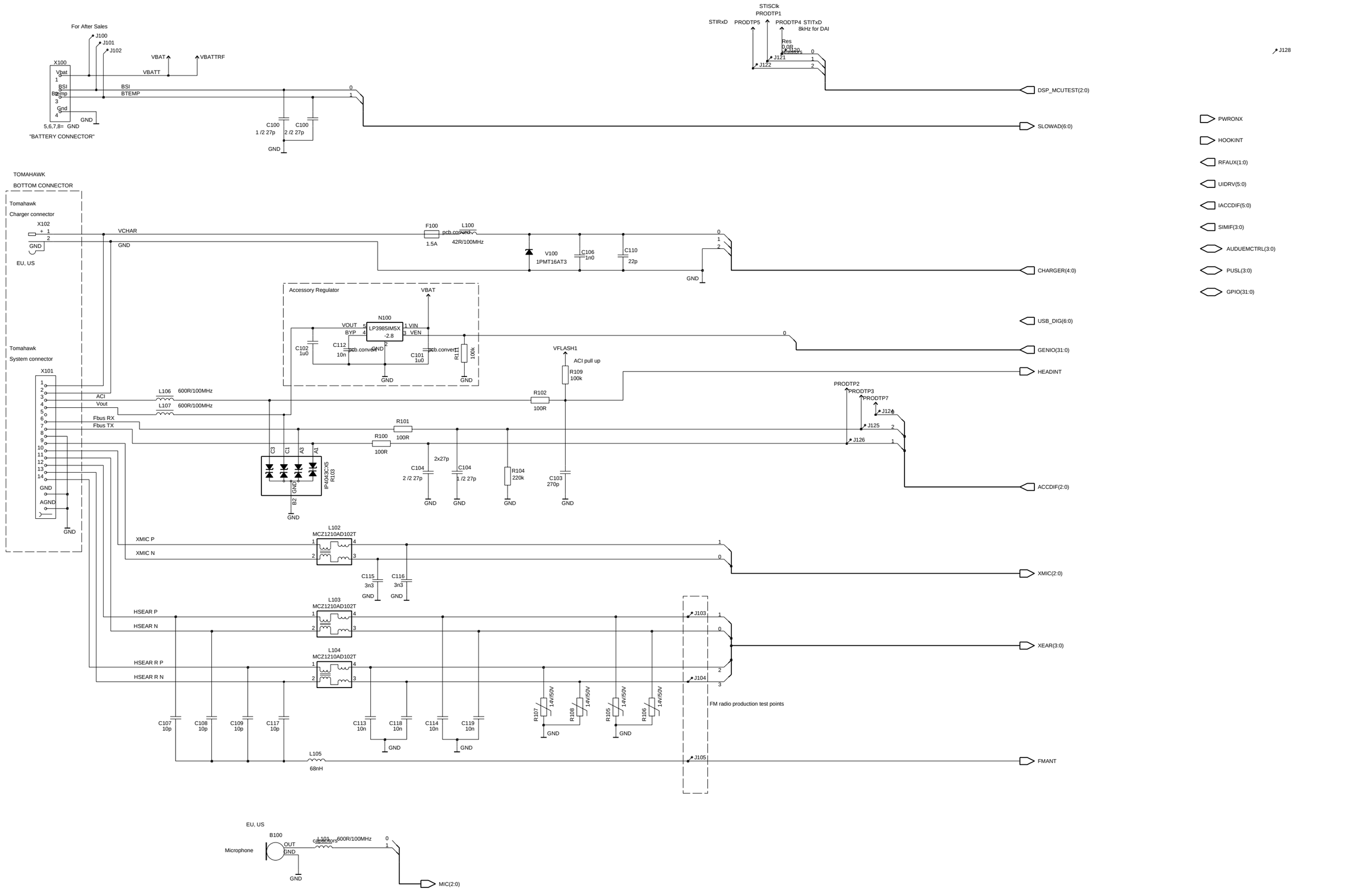
System connector



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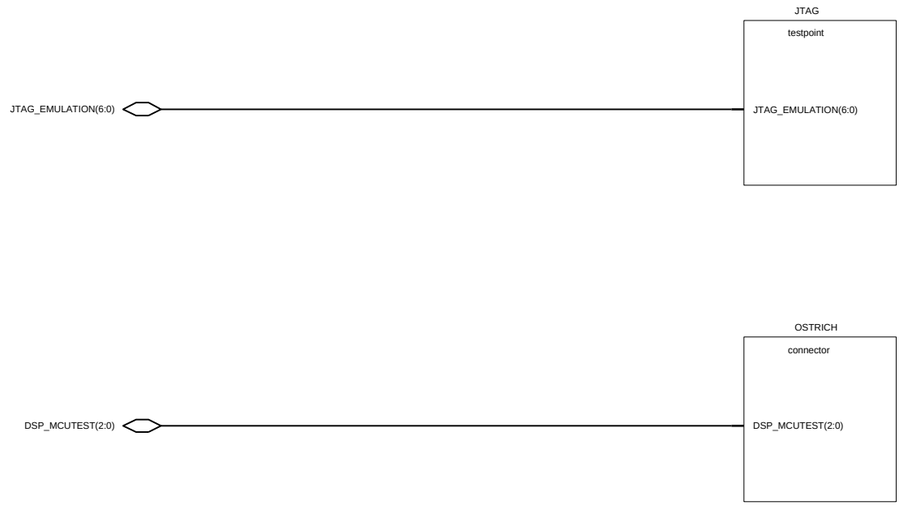
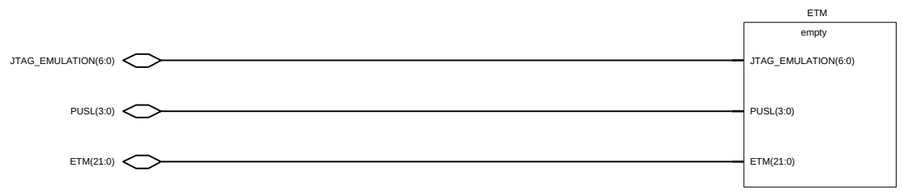
Test and emulator interface





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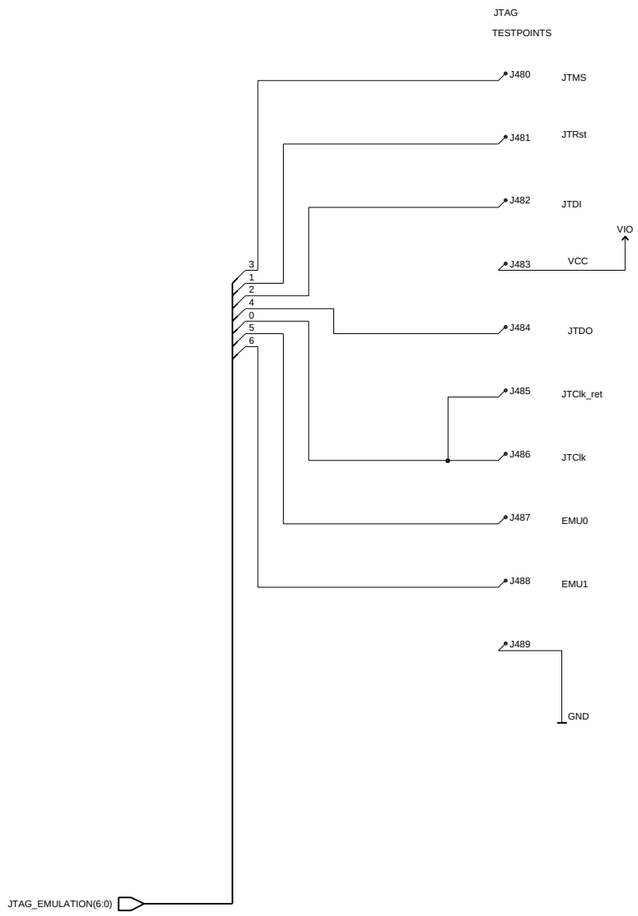
Testpoints for JTAG emulator



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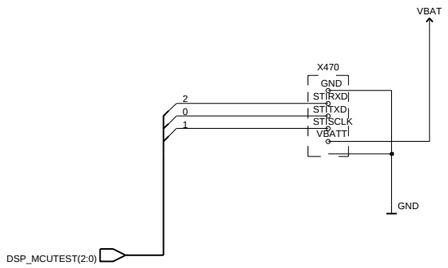
Connector based Ostrich test interface



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Empty ETM

PUSL(3:0)

JTAG_EMULATION(6:0)

ETM(21:0)

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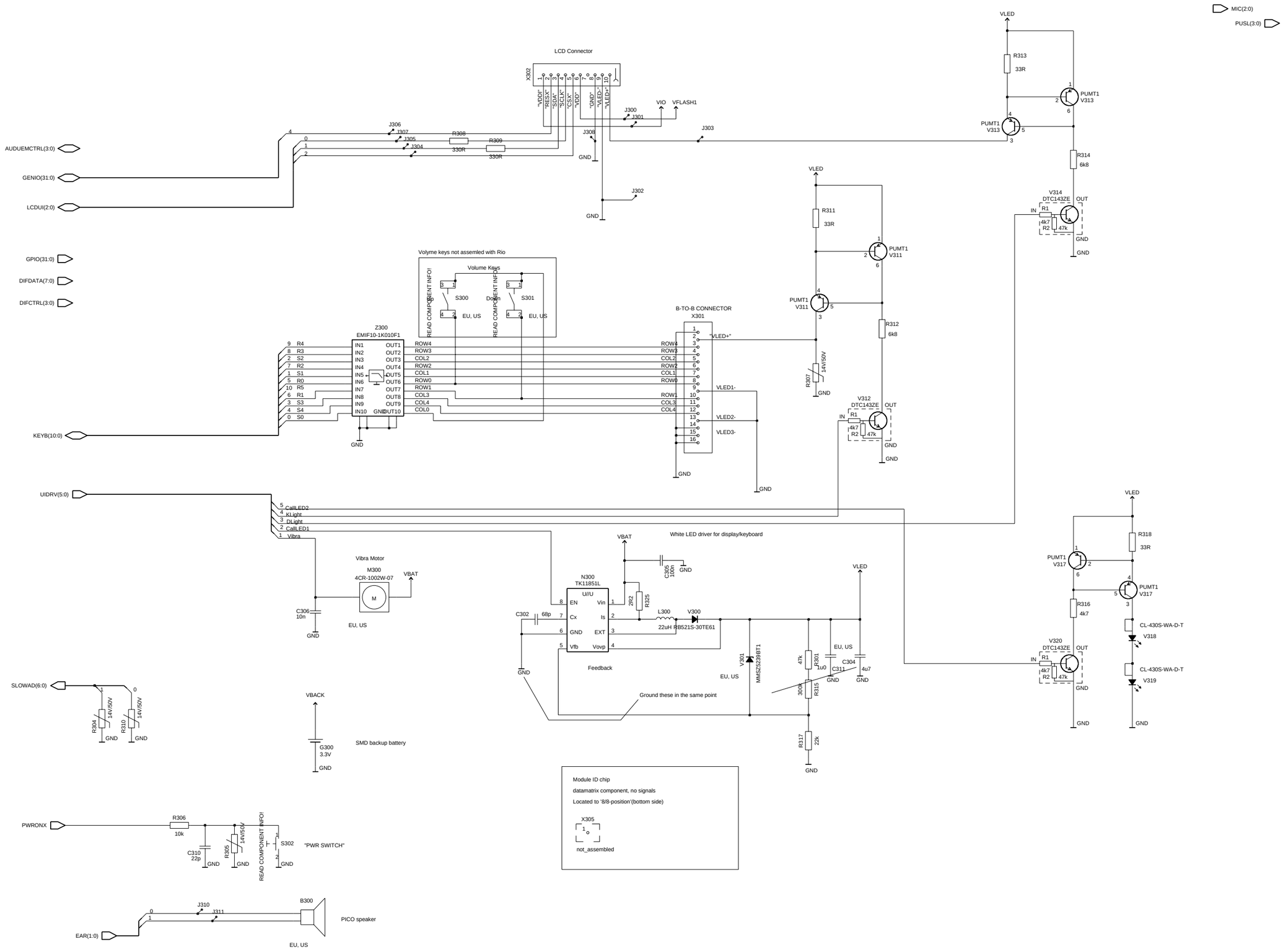
User Interface



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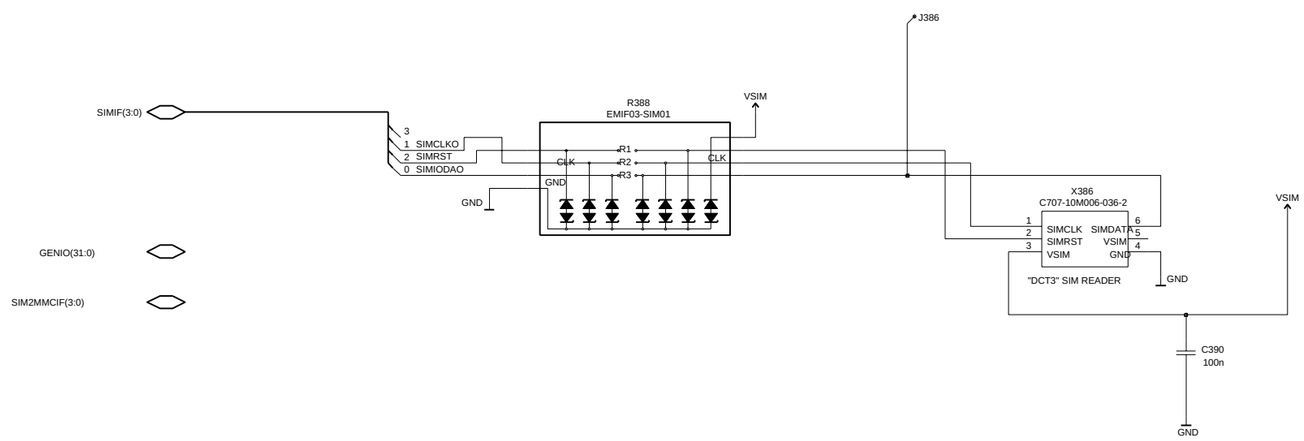
SIM reader



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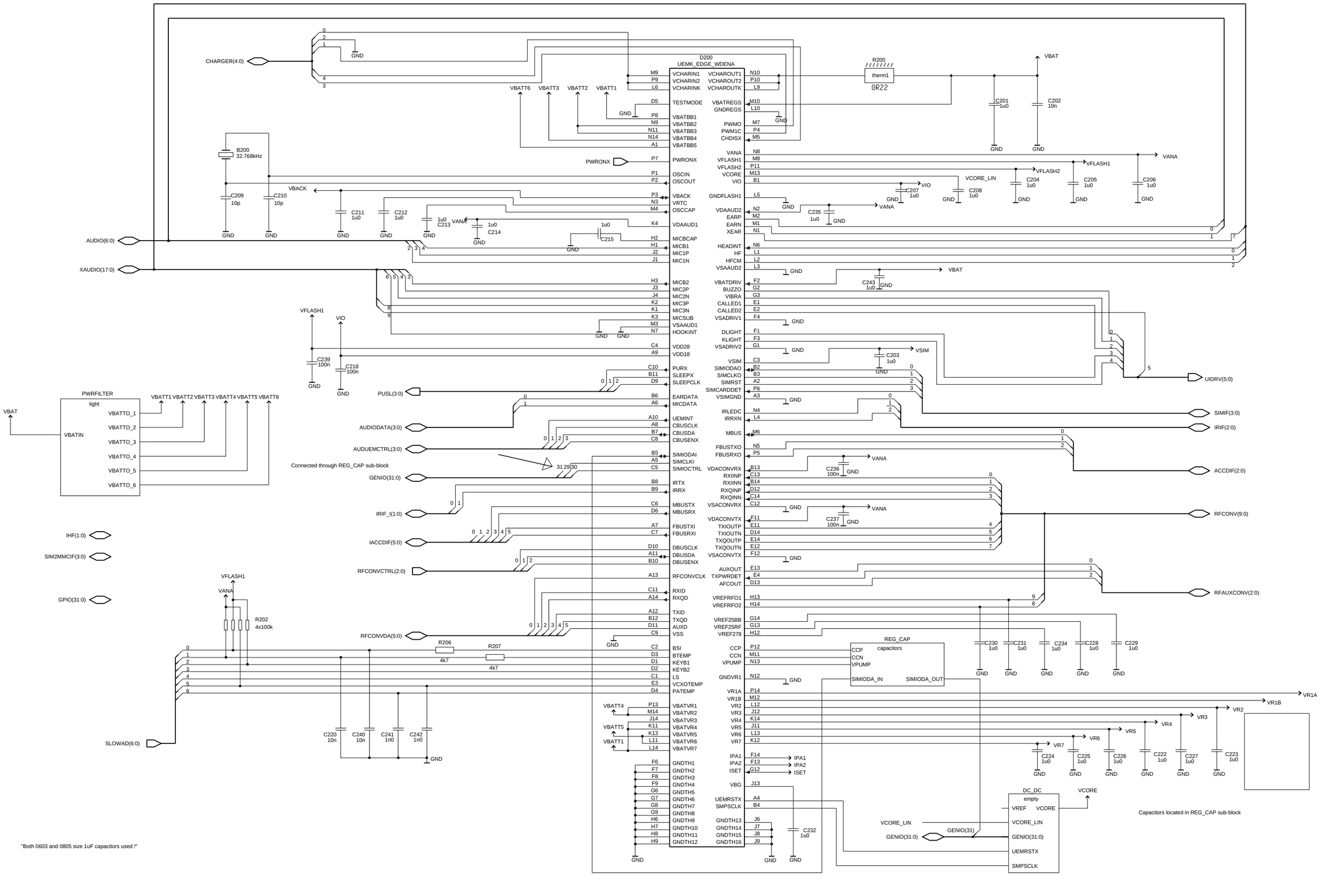
Discrete power management



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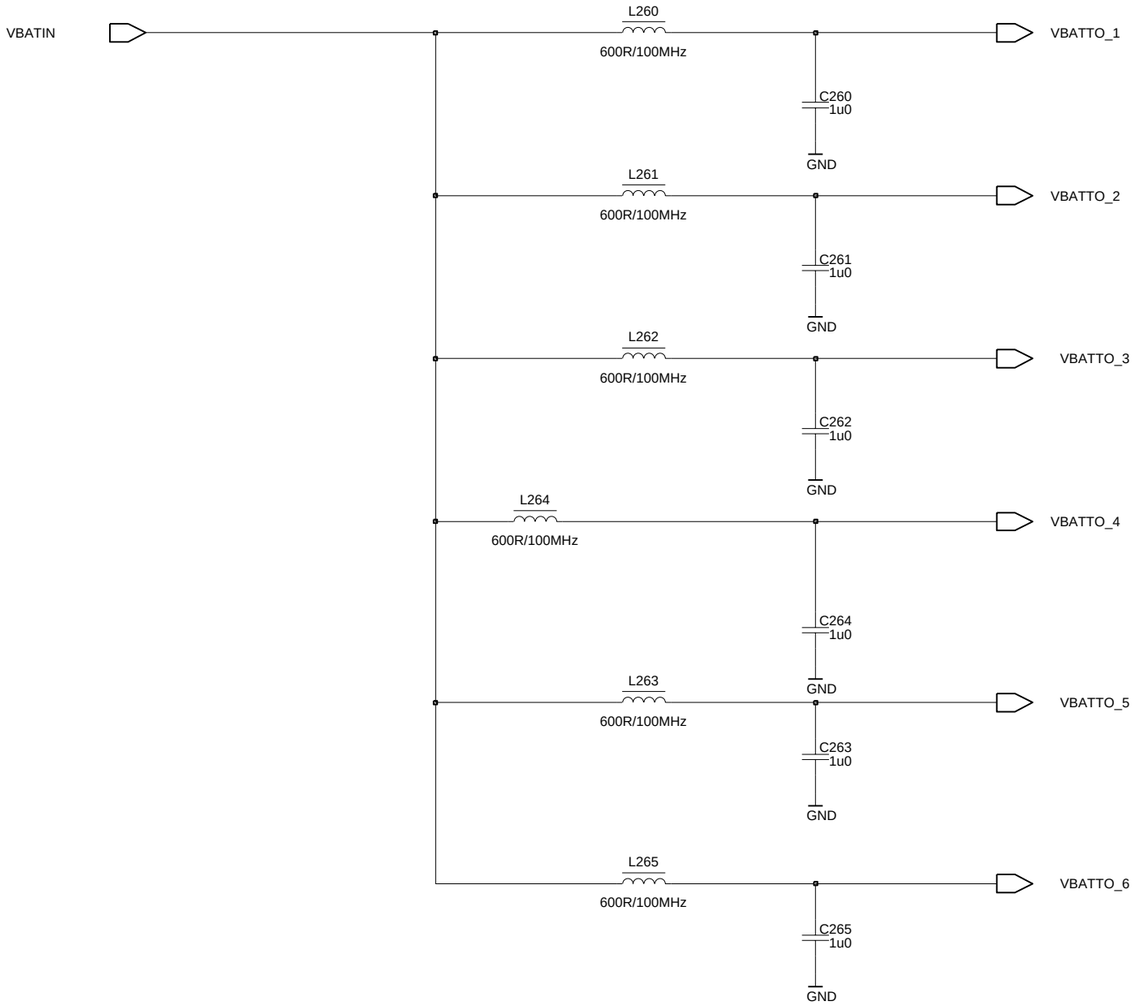
Light filtering



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DC/DC converter

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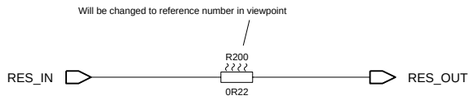
PWR resistor



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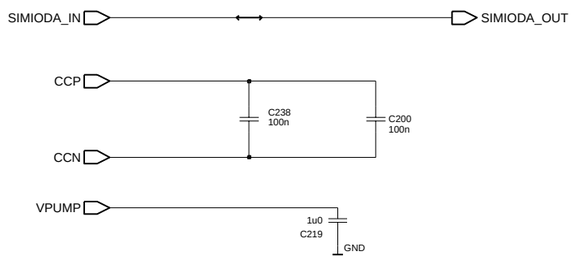
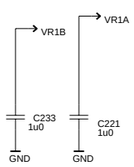
For old discrete power users





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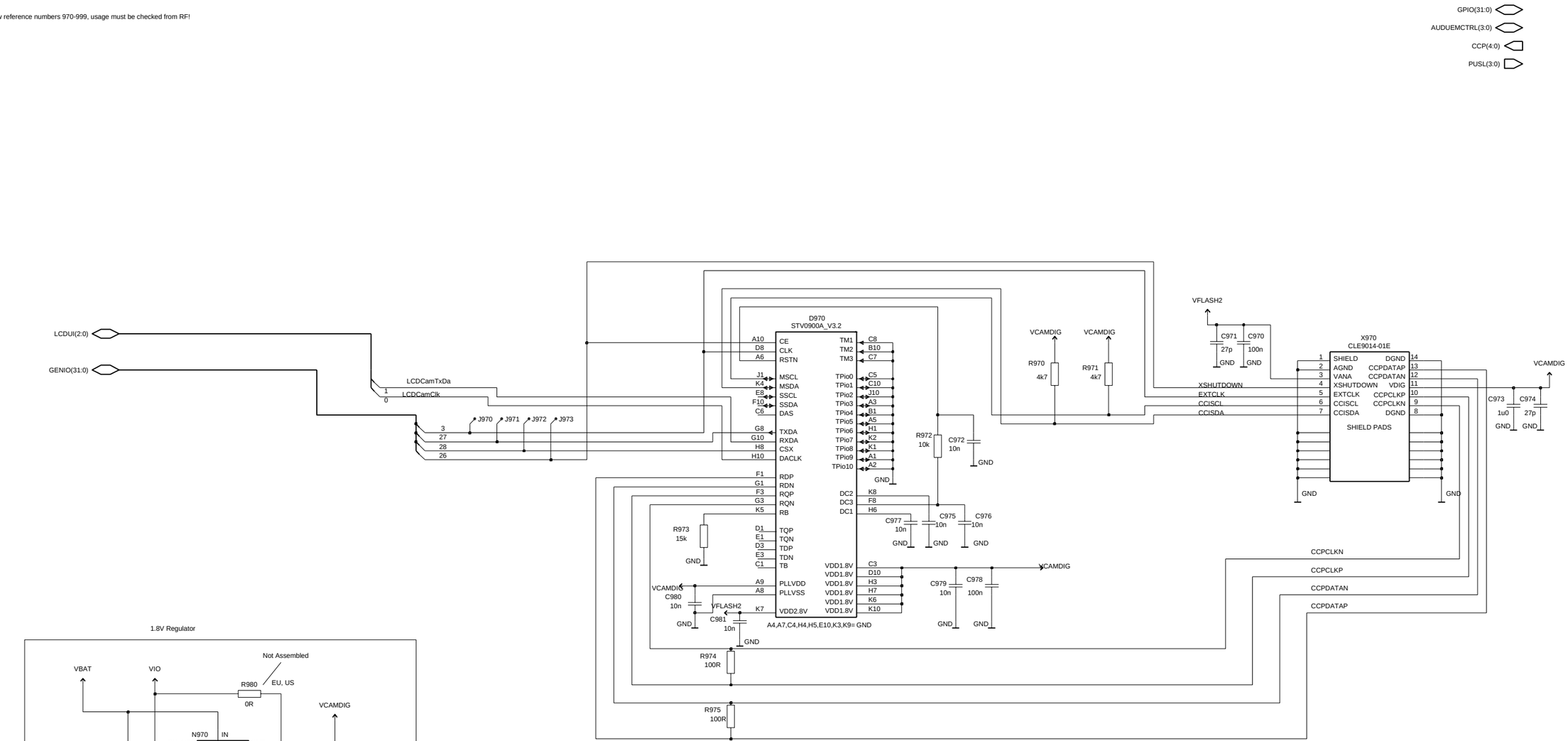
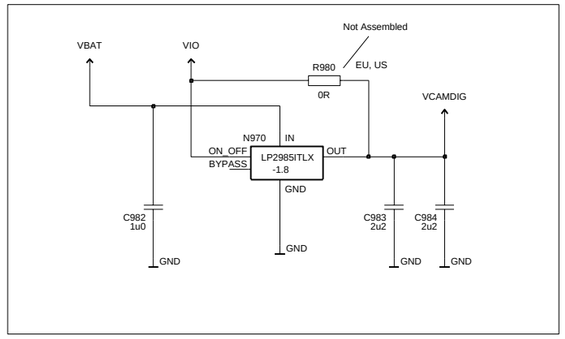
Camera

NOTE! New reference numbers 970-999, usage must be checked from RF!



1.8V Regulator



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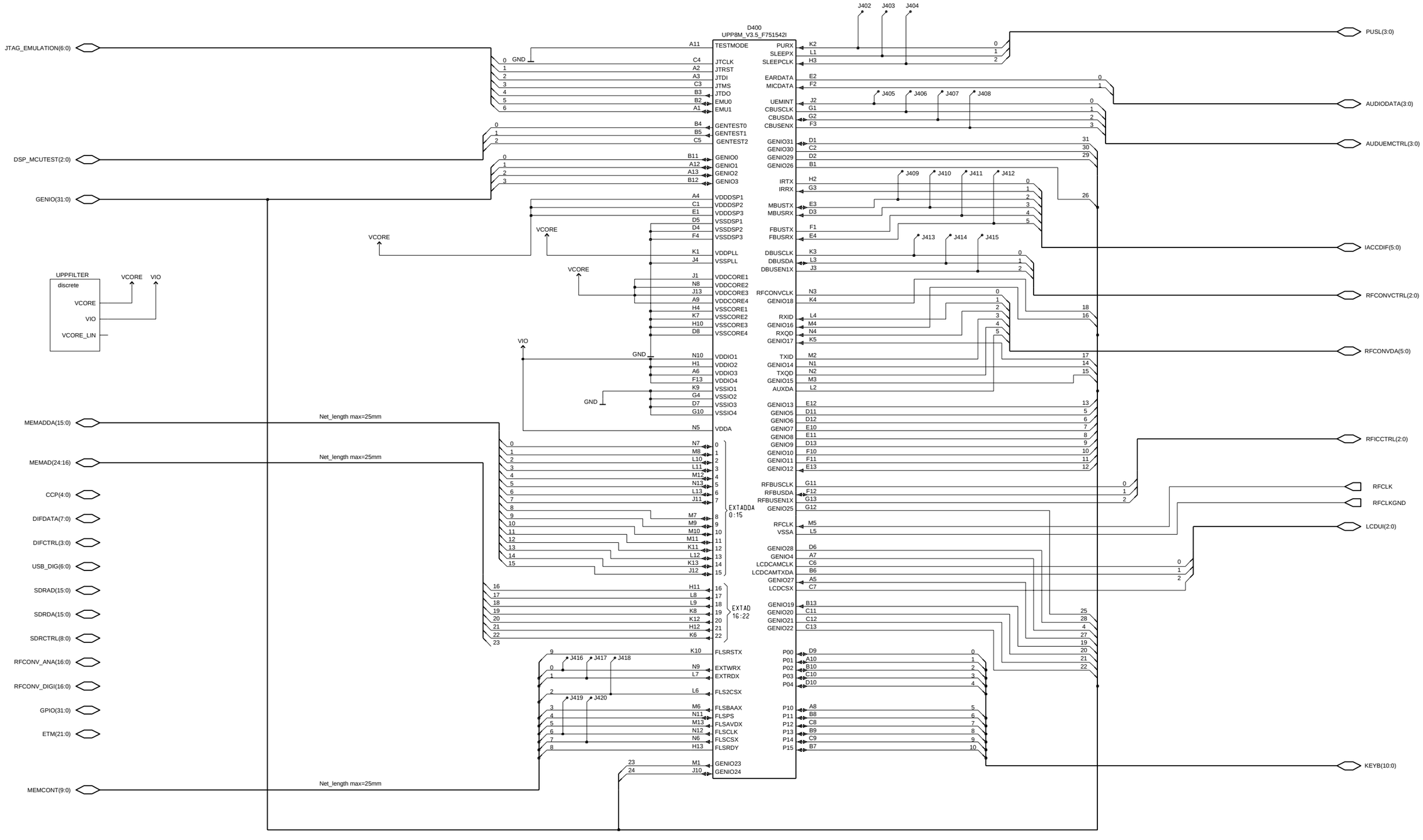
UPP 8M implementation



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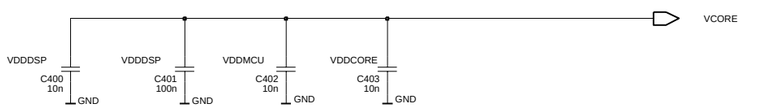
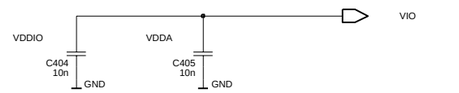
Discrete decoupling capacitors for UPP





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No LPRF interface in this product

GENIO(31:0)

AUDUEMCTRL(3:0)

PUSL(3:0)

RFCONVCTRL(2:0)

LPRFCLK

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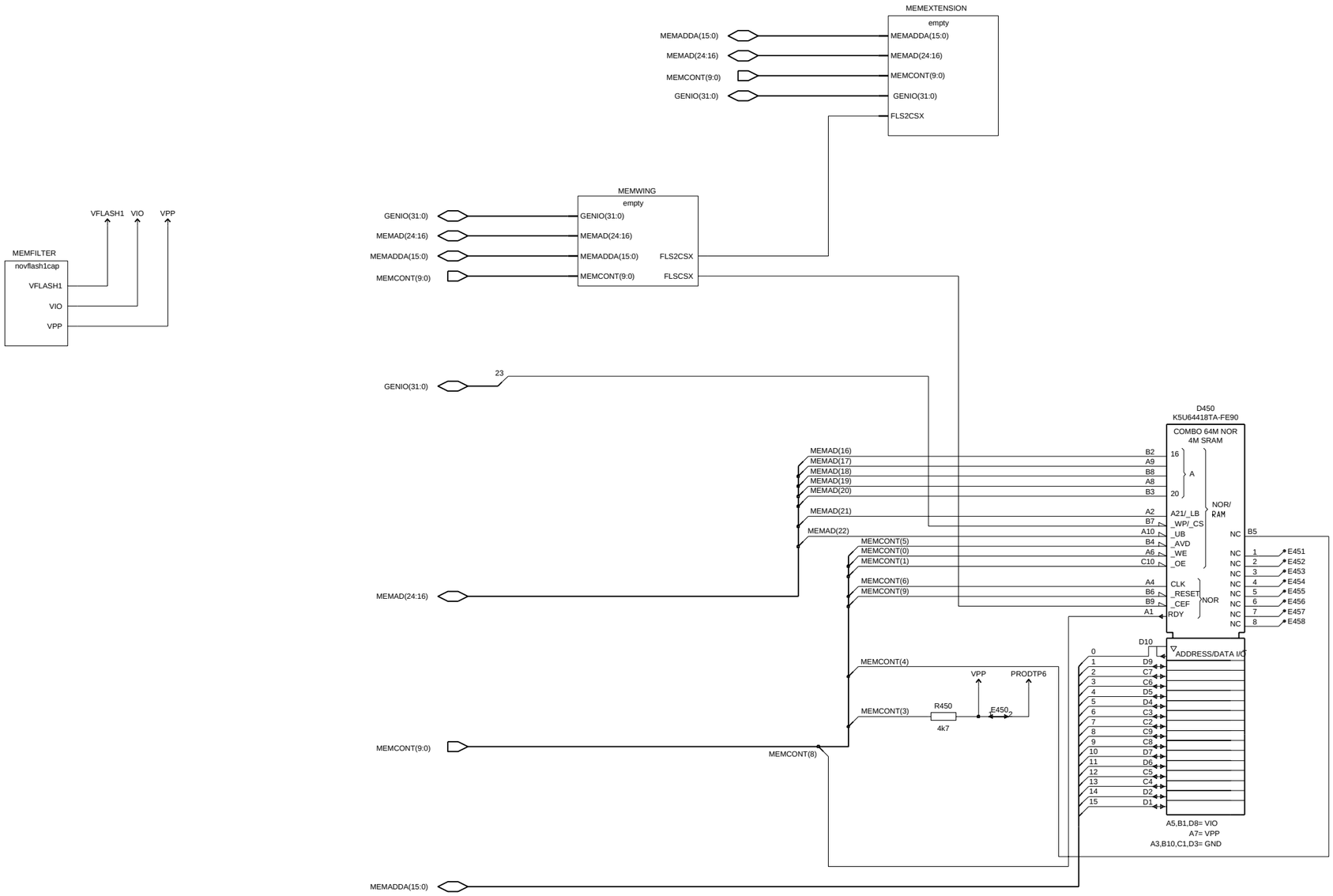
Combo memory 64+4Mbit



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Memory extension

GENIO(31:0)

FLS2CSX

MEMAD(24:16)

MEMCONT(9:0)

MEMADDA(15:0)

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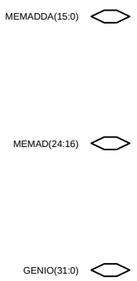
Empty wing sheet



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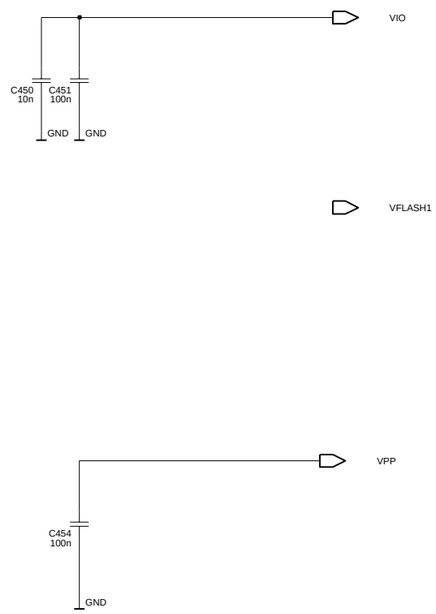
Discrete capacitors for memory without VFlash1



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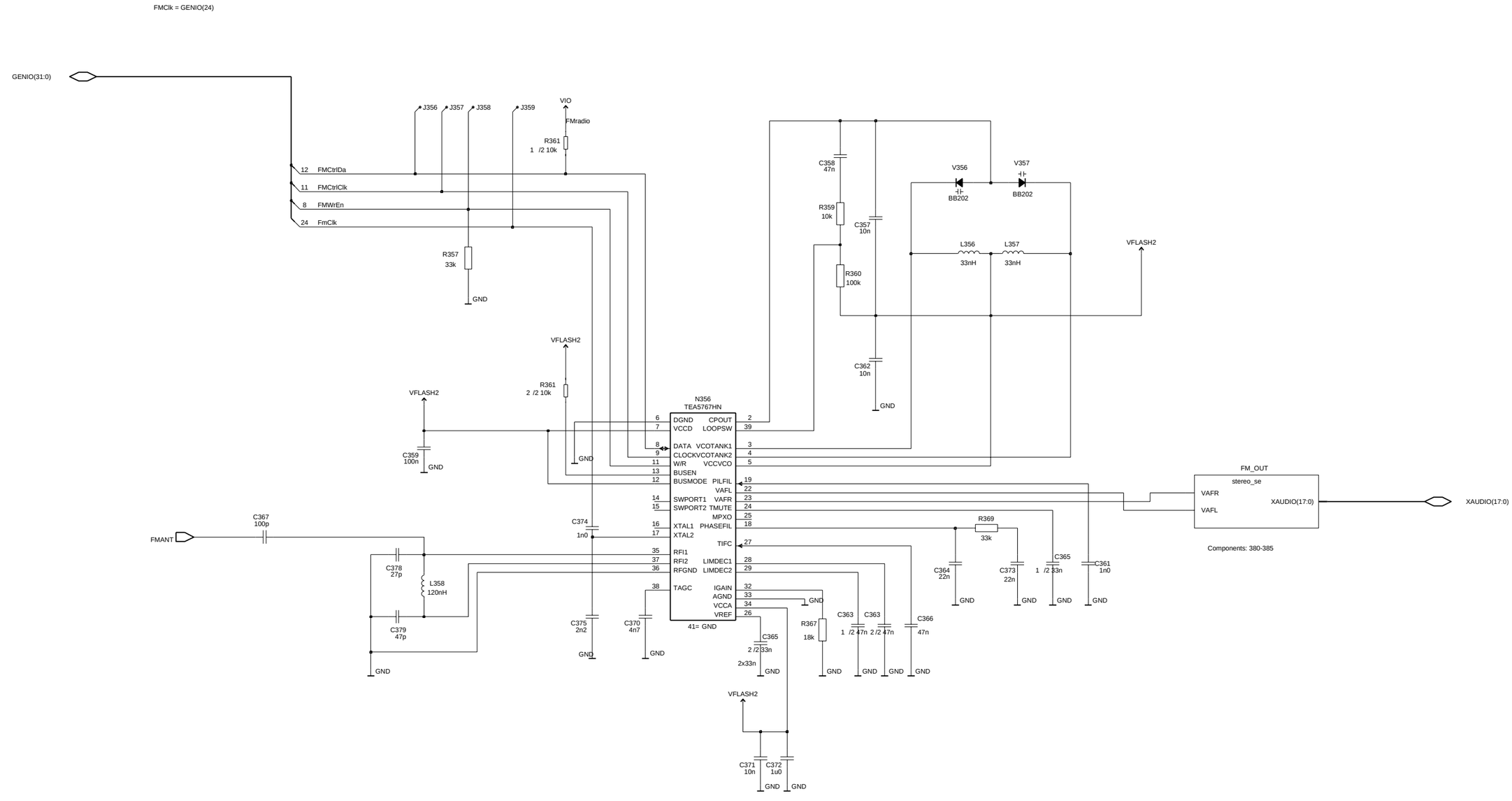
FM radio unit



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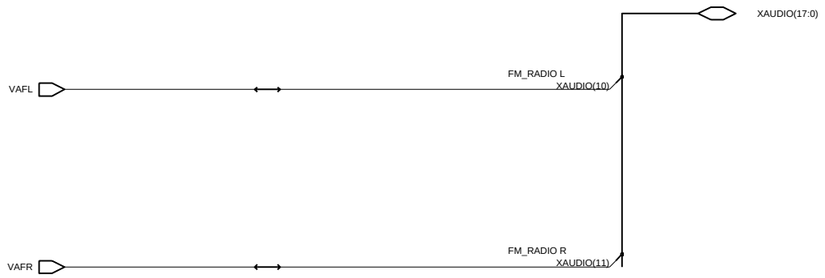
FM radio unit



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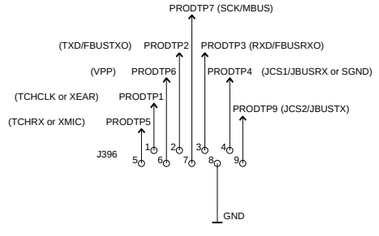
9 pin production test pattern



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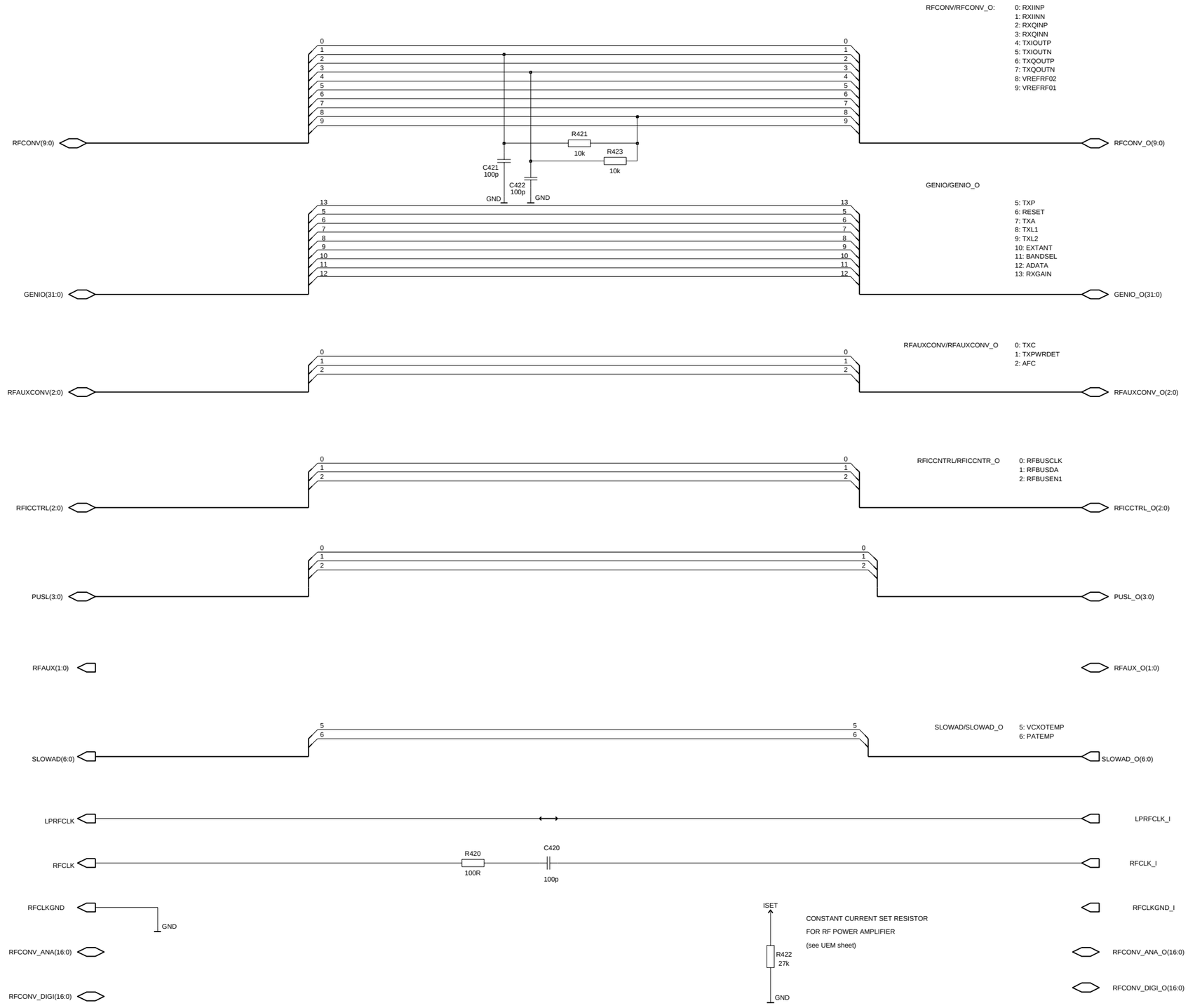
GSM RF-BB interface



IPA1 AND IPA2 ARE USED IN RF, THE TOLERANCE OF R422 IS 1% (0402, 1430873)

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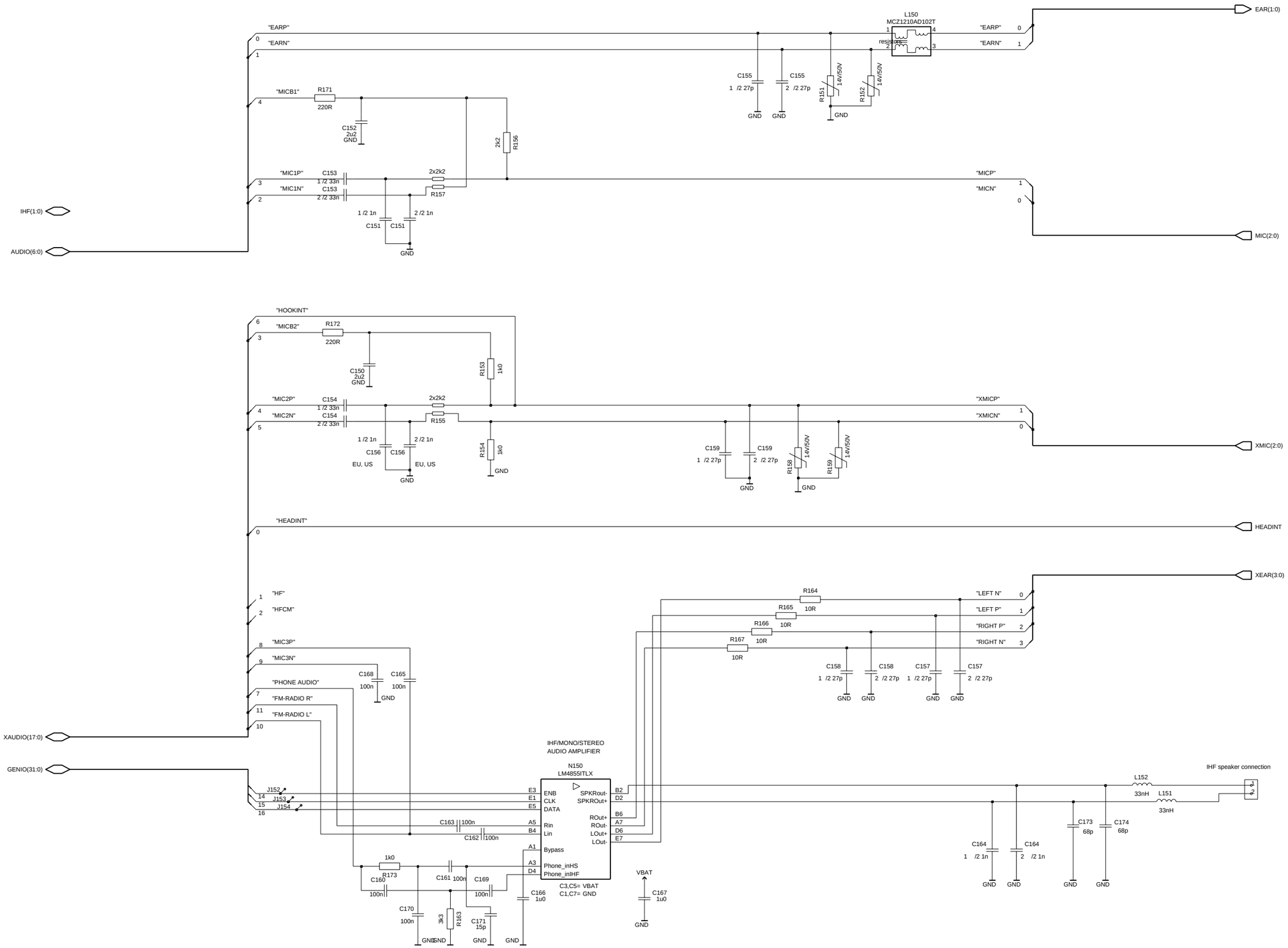
Audio

Varistor arrays have reliability issues



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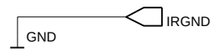
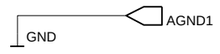
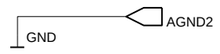
MultiGND symbol bypass







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GPS empty sheet

PUSL(3:0)

GENIO(31:0)

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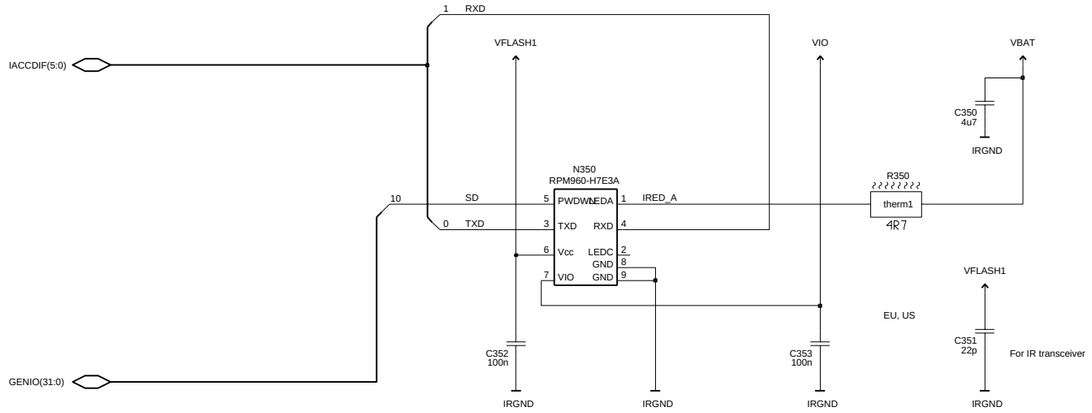
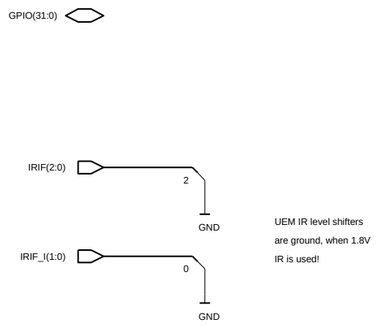
Rohm IR module 1.8V





Used referenses

C	350 - 353
N	350
R	350

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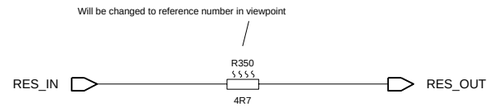
IR resistor



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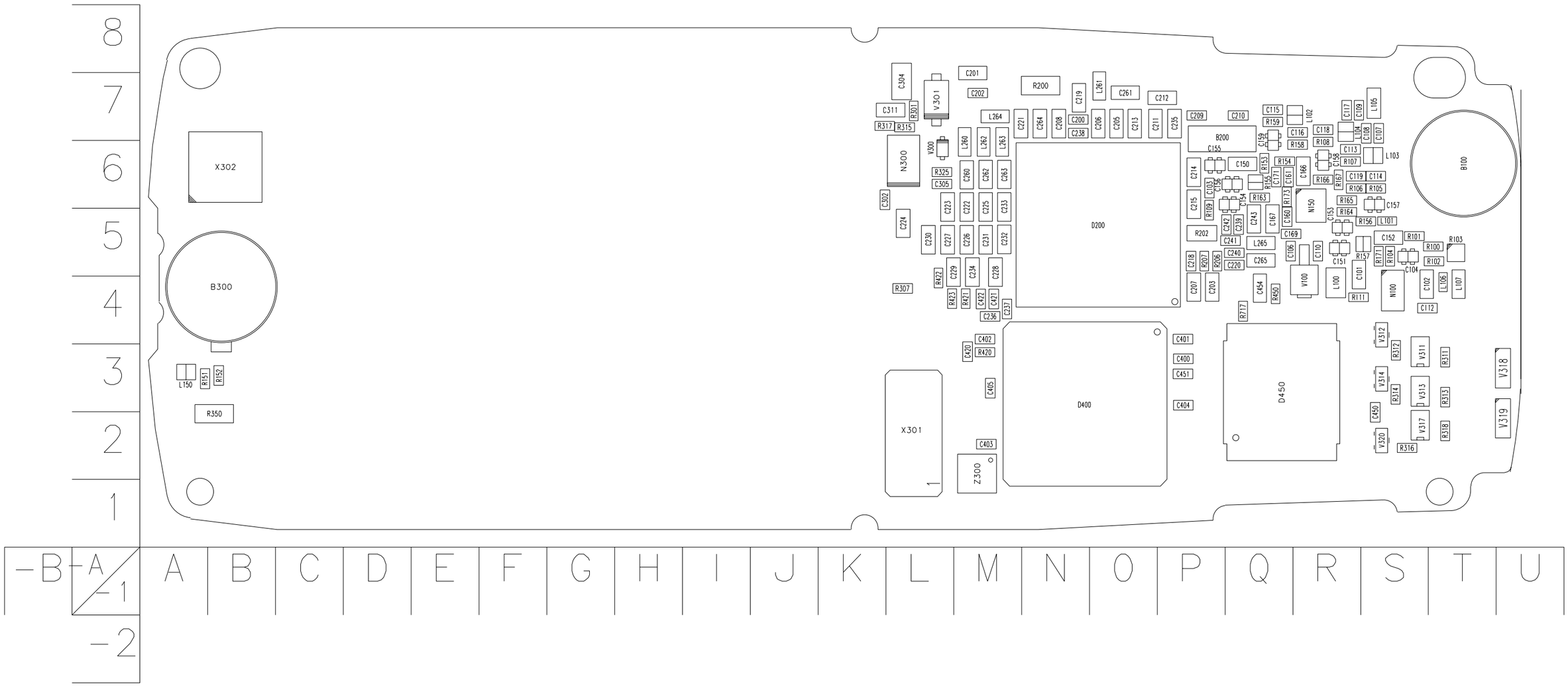
Layout (top)



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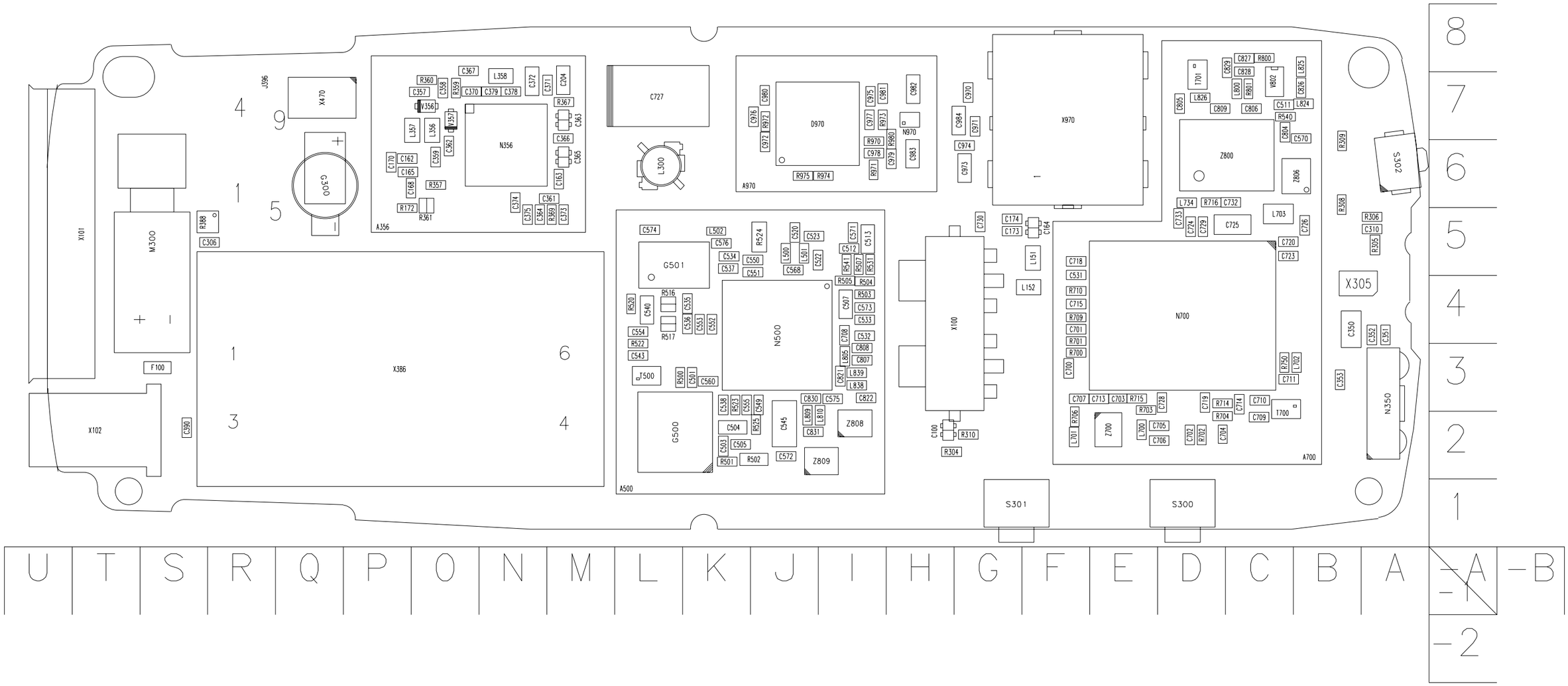

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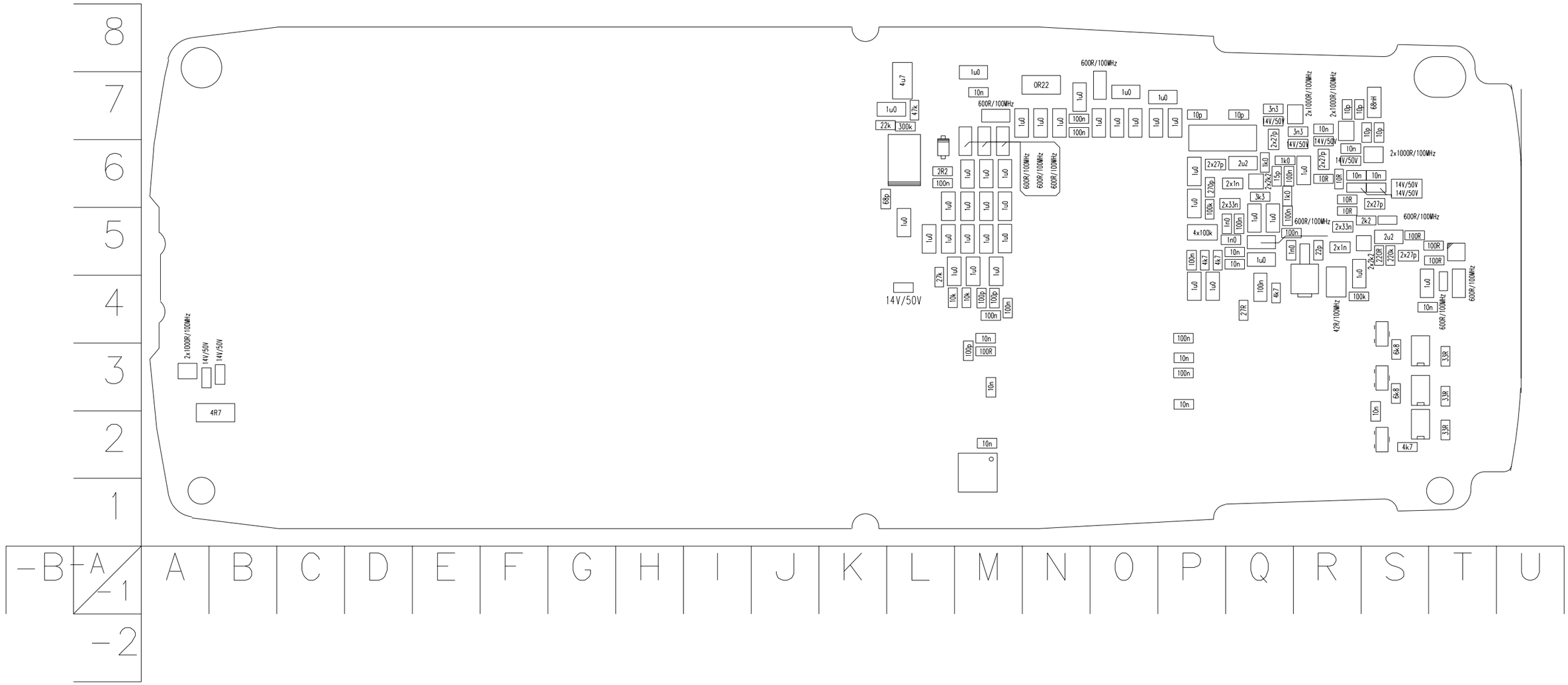

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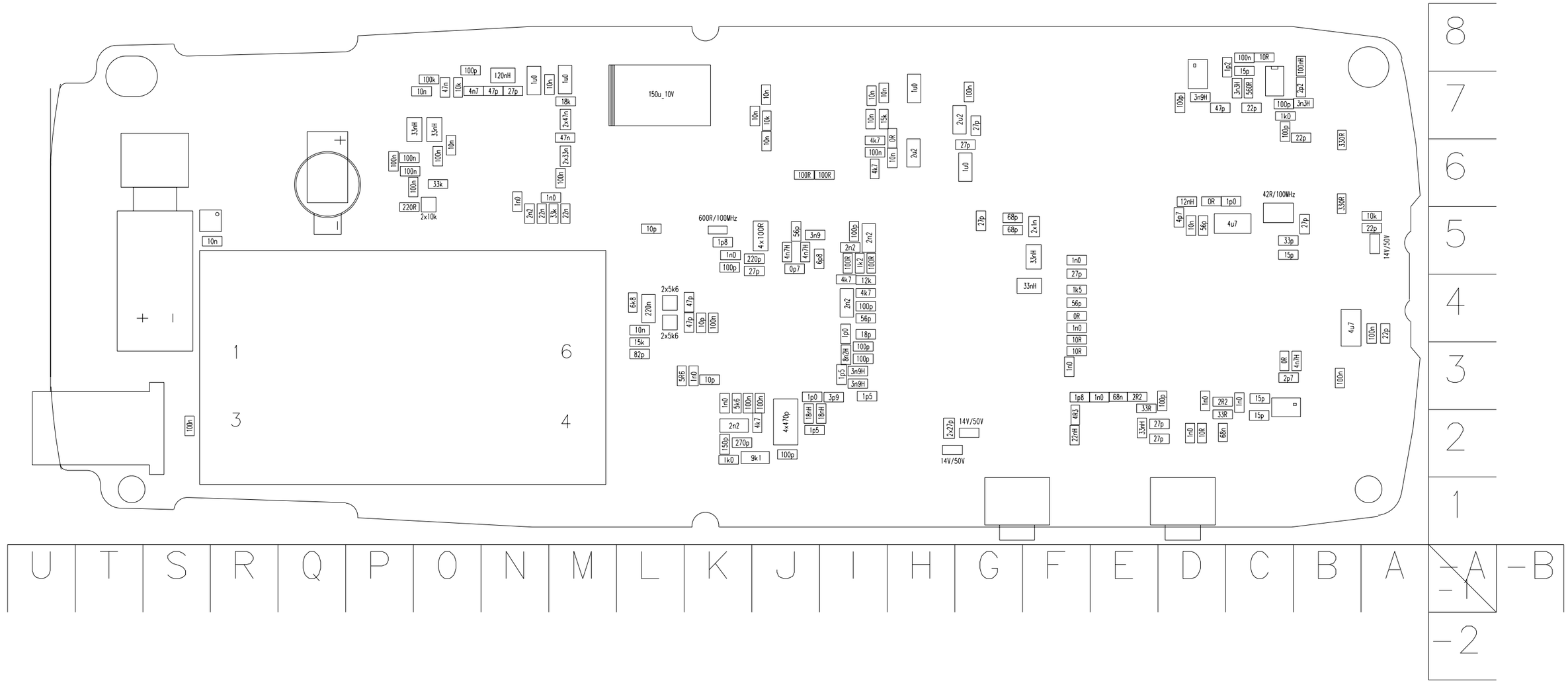
Layout (bottom)



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